

IN THE CLAIMS

Please amend the claims as follows:

1-26. (cancelled)

27. (currently amended) A computer cooler comprising:

a cold plate to come into contact with a portable computer system to transfer heat away from the portable computer system;

a cooling system to transfer heat from the cold plate to the environment surrounding the computer cooler when the portable computer system is in contact with the cold plate;

a first connector to mate to an external connector of the portable computer system when the portable computer system is in contact with the cold plate; and

a controller to receive a command from the portable computer indicating the desired degree of cooling, and to control the cooling system to ensure that the desired degree of cooling indicated by the portable computer is achieved while the portable computer is in contact with the cold plate, wherein the controller monitors the temperature of the cold plate to aid in controlling the degree of cooling achieved by the cooling system.

28-29. (cancelled)

30. (previously presented) The computer cooler of claim 27, wherein the cooling system is comprised of a compressor, an evaporator, a condenser and a refrigerant that cooperate to transfer heat from the cold plate to the environment surrounding the computer cooler.

31. (previously presented) The computer cooler of claim 27, further comprising a second connector that replicates the external connector of the portable computer system, allowing an external device to be attached to the computer cooler through the second connector and thereby receive signals from the external connector of the portable computer system through the first and second connectors.

32. (currently amended) An apparatus, comprising:

a portable computer system with a heat spreader to transfer heat away from at least one component within the portable computer system;

a cold plate provided by a computer cooler to come into contact with the heat spreader to transfer heat from the heat spreader of the portable computer;

a cooling system within the computer cooler to transfer heat away from the cold plate to the environment surrounding the computer cooler when the heat spreader of the portable computer system is in contact with the cold plate;

a first connector provided by the computer cooler to mate to an external connector of the portable computer system when the portable computer system is in contact with the cold plate; and

a controller within the computer cooler to receive a command from the portable computer indicating the desired degree of cooling, and to control the cooling system to ensure that the desired degree of cooling indicated by the portable computer is achieved while the heat spreader of the portable computer is in contact with the cold plate, wherein the controller monitors the temperature of the cold plate to aid in controlling the degree of cooling achieved by the cooling system.

33-34. (cancelled)

35. (previously presented) The apparatus of claim 32, wherein the cooling system is comprised of a compressor, an evaporator, a condenser and a refrigerant that cooperate to transfer heat from the cold plate to the environment surrounding the computer cooler.

36. (previously presented) The apparatus of claim 32, further comprising a second connector provided by the computer cooler that replicates the external connector of the portable computer system, allowing an external device to be attached to the computer cooler through the second connector and thereby receive signals from the external connector of the portable computer system through the first and second connectors.

37. (previously presented) The apparatus of claim 32, further comprising a component within the portable computer system having a feature that is disabled at a time when the heat spreader of the portable computer system is not in contact with the cold plate, and that is enabled at a time when the heat spreader of the portable computer is in contact with the cold plate.

38. (currently amended) A method, comprising:

 placing a portable computer system into contact with a cold plate of computer cooler;

 mating a first connector of the computer cooler to an external connector of the portable computer system;

 receiving a command by a controller within the computer cooler from the portable computer system indicating the degree of cooling desired;

 transferring heat from the cold plate of the computer to the environment surrounding the computer cooler; [[and]]

controlling the transferring of heat from the cold plate to ensure that the desired degree of cooling indicated by the portable computer system is achieved while the portable computer system is in contact with the cold plate; and
basing the controlling of the transferring of heat from the cold plate on input received from monitoring the temperature of the cold plate.

39-40. (cancelled)

41. (previously presented) The method of claim 38, further comprising providing a second connector carried by the computer cooler that replicates the external connector of the portable computer system, allowing an external device to be attached to the computer cooler through the second connector and thereby receive signals from the external connector of the portable computer system through the first and second connectors
42. (previously presented) The method of claim 38, wherein placing a portable computer system in contact with the cold plate of a computer cooler comprises placing a heat spreader of the portable computer system in contact with the cold plate of the computer cooler.
43. (previously presented) The method of claim 38, further comprising enabling a feature of a component of the portable computer system at a time when the portable computer system is in contact with the cold plate that is disabled at a time when the portable computer is not in contact with the cold plate.